



Histogram of (a) Relative Humidity, (b) Vertical Velocity and (c) Temperature over ARM SGP CF site, March - December, 2000.

Only cases with optical thick single layer ICE clouds are considered.

The solid line in upper panel represents average of 2 RUC layers below cloud top; the dash line is above cloud top.

The solid line in lower panel represents average of 2 RUC layers above cloud base; the dash line is below cloud top